

*ILDO 48300 4/2*

EXECUTIVE SUMMARY

Alco Springs Industries, located at 23rd St. and Euclid in Chicago Heights, Illinois, is a spring manufacturer.

The springs are submersed in an oil quench bath to remove the metal scale. The quench oil bath sludge (metal sludge), generated when the quench oil is filtered, is regulated as a special waste (F010).

A quench oil reclaiming system was constructed in November 1980. This system utilizes three 275 gallon oil tanks equipped with baffles to separate the metal scale from the oil.

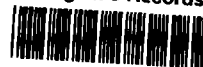
Prior to 1980, this facility employed a landfill to dispose of their metal scale waste and possibly the quench oil. This landfill was not permitted by this Agency and lies in close proximity with Thorn Creek. Thorn Creek has a pollution problem; the problem is the contamination with heavy metals.

On November 19, 1980, an inspection was conducted by Larry Lai of DWPC/Maywood-FOS. The inspection disclosed that south of the landfill 100-120 drums containing scale and quench oil were stored. During another inspection on a later date, these drums were empty, potential landfilling of these wastes.

Final cover was applied to the landfill area and verified by a letter sent to Alco Springs Ind. verifying adequate cover. Even though final cover has been applied, the question of the heavy metal contamination of Thorn Creek still remains. This facility is assigned a medium priority and an inspection is required. If heavy metal contamination persists, maybe the wastes should be removed from the landfill.

KLP:jp:4/18 (4/28/86)

EPA Region 5 Records Ctr.



283350

Not RCRA

5/21/85

Pellatt  
5/21/85

EPA L03/0450012		POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT		I. IDENTIFICATION	
II. SITE NAME AND LOCATION		01 STATE 02 SITE NUMBER IL NEW SITE 104R300412			
01 SITE NAME (Legal, common, or descriptive name of site)		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER			
Alco Springs Industries		23rd St + Euclid			
03 CITY		04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE 08 CONG DIST
Chicago Heights		IL	60411	Cook	031 4
09 COORDINATES LATITUDE LONGITUDE		010 DIRECTION TO SITE (Starting from nearest public road)			
41 28 30.0   087 39 00.0		STEEGER, IL 7.5' Quad (56B)			
III. RESPONSIBLE PARTIES					
01 OWNER (if known)		02 STREET (Business, mailing, residential)			
MR. Vito Grucis		W 23rd + Euclid			
03 CITY		04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER	
Chicago Heights		IL	60411	(312) 755-0438	
07 OPERATOR (if known and different from owner)		08 STREET (Business, mailing, residential)			
SAME					
09 CITY		10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER	
				( )	
13 TYPE OF OWNERSHIP (Check one)					
<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL					
<input type="checkbox"/> F. OTHER: (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)					
<input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE					
IV. CHARACTERIZATION OF POTENTIAL HAZARD					
01 ON SITE INSPECTION BY (Check all that apply)					
<input checked="" type="checkbox"/> YES DATE 12-19-81 MONTH DAY YEAR <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR					
<input type="checkbox"/> NO DATE 10-23-85 MONTH DAY YEAR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: (Specify)					
CONTRACTOR NAME(S):					
02 SITE STATUS (Check one)					
<input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN					
03 YEARS OF OPERATION					
UNKNOWN   Active BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN					
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED					
Heavy Metals, oily waste / Toxic, Reactive					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION					
ground water (environment) Surface water (population / environment)					
V. PRIORITY ASSESSMENT					
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)					
<input type="checkbox"/> A. HIGH (Inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed. Complete current disposition forms)					
VI. INFORMATION AVAILABLE FROM					
01 CONTACT		02 OF (Agency/Organization)		03 TELEPHONE NUMBER	
MR. V.J. Grucis		V.P. Manufacturing		312 755-0438	
04 PERSON RESPONSIBLE FOR ASSESSMENT		05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
Kenneth L. Page		IEPA	RPM8	12117826761	04 23 86 MONTH DAY YEAR





POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IL NEW SITE

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

landfilling of metal scale, and possibly landfilling of quench oil.

01 ☒ B SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

Documented heavy metal contamination of Thorn Creek.  
Creek is used for recreational purposes.

01 ☐ C CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☐ D FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☐ E DIRECT CONTACT 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☐ F CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 AREA POTENTIALLY AFFECTED \_\_\_\_\_ (Acres) 04 NARRATIVE DESCRIPTION

01 ☐ G DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☐ H WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 WORKERS POTENTIALLY AFFECTED \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☐ I POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_ 04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IL NEW SITE

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

Contamination of Thorn Creek with heavy metals

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES

(Soils runoff standing liquids leaking drums)

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

landfilling of metal scale and possibly quench oil waste without a permit.

06 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

IV. COMMENTS

The facility is a potential source of the heavy metal contamination to Thorn Creek.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

IEPA Division Files - Land, Water